



Commonwealth of Massachusetts
City/Town of Bellingham

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

A. Facility Information

Wall Street Development Corp

Owner Name

Prospect Street

Street Address

Bellingham

City

MA

State

Map/Lot #

Zip Code

B. Site Information

1. (Check one) ☒ New Construction ☐ Upgrade ☐ Repair

2. Soil Survey Available? ☒ Yes ☐ No If yes:

Source

Soil Map Unit

Merrimac

Soil Name

Soil Limitations

Sand

Soil Parent material

Landform

3. Surficial Geological Report Available? ☐ Yes ☐ No

If yes:

Year Published/Source

Map Unit

Description of Geologic Map Unit:

4. Flood Rate Insurance Map Within a regulatory floodway? ☐ Yes ☒ No

5. Within a velocity zone? ☐ Yes ☒ No

6. Within a Mapped Wetland Area? ☐ Yes ☒ No

If yes, MassGIS Wetland Data Layer:

Wetland Type

7. Current Water Resource Conditions (USGS):

Month/Day/ Year

Range: ☐ Above Normal

☐ Normal

☐ Below Normal

8. Other references reviewed:



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C. On-Site Review *(minimum of two holes required at every proposed primary and reserve disposal area)*

Deep Observation Hole Number: 25-1A
Hole #

6/02/2025
Date

am
Time

Weather

Latitude

Longitude:

1. Land Use Woodland
(e.g., woodland, agricultural field, vacant lot, etc.)

Brush/tree mix
Vegetation

Yes
Surface Stones (e.g., cobbles, stones, boulders, etc.)

2.0
Slope (%)

Description of Location: _____

2. Soil Parent Material: Sand

Moraine
Landform

Position on Landscape (SU, SH, BS, FS, TS)

3. Distances from: Open Water Body n.a. feet

Drainage Way n.a. feet

Wetlands 100 feet

Property Line feet

Drinking Water Well feet

Other feet

4. Unsuitable Materials Present: ☐ Yes ☐ No If Yes: ☐ Disturbed Soil ☐ Fill Material ☐ Weathered/Fractured Rock ☐ Bedrock

5. Groundwater Observed: ☒ Yes ☐ No

If yes: Depth Weeping from Pit

47" Depth Standing Water in Hole

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
4	A	L	10yr3/2								
20	B	SL	10yr5/6								
76	C	S	2.5y5/4				20%		Med-Coarse loose		

Additional Notes:



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C. On-Site Review *(minimum of two holes required at every proposed primary and reserve disposal area)*

Deep Observation Hole Number: 25-2A 6/02/202 am Weather _____ Latitude _____ Longitude: _____
Hole # 5 Time _____
1. Land Use: Woodland Brush/Tree mix yes 2.0
(e.g., woodland, agricultural field, vacant lot, etc.) Vegetation Surface Stones (e.g., cobbles, stones, boulders, etc.) Slope (%)

Description of Location: _____

2. Soil Parent Material: Sand Moraine
Landform Position on Landscape (SU, SH, BS, FS, TS)
3. Distances from: Open Water Body n.a. feet Drainage Way n.a. feet Wetlands 50 feet
Property Line 40 feet Drinking Water Well n.a. feet Other _____ feet
4. Unsuitable
Materials Present: ☐ Yes ☒ No If Yes: ☐ Disturbed Soil ☐ Fill Material ☐ Weathered/Fractured Rock ☐ Bedrock
5. Groundwater Observed: ☒ Yes ☐ No If yes: _____ Depth Weeping from Pit 34" Depth Standing Water in Hole

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
4	A	L	10yr3/3								
68	C	S	2.5y5/4	34'		>5%	20%		Med-Coarse		

Additional Notes:
34" Mottles



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Deep Observation Hole Number: 25-3A
Hole #

6/02/2025
Date

am
Time

Weather

Latitude

Longitude:

1. Land Use Woodland
(e.g., woodland, agricultural field, vacant lot, etc.)

Brush/tree mix
Vegetation

Yes
Surface Stones (e.g., cobbles, stones, boulders, etc.)

2.0
Slope (%)

Description of Location: _____

2. Soil Parent Material: Sand

Moraine
Landform

Position on Landscape (SU, SH, BS, FS, TS)

3. Distances from: Open Water Body n.a. feet

Drainage Way n.a. feet

Wetlands 100 feet

Property Line feet

Drinking Water Well feet

Other feet

4. Unsuitable Materials Present: ☐ Yes ☒ No If Yes: ☐ Disturbed Soil ☐ Fill Material ☐ Weathered/Fractured Rock ☐ Bedrock

5. Groundwater Observed: ☒ Yes ☐ No

If yes: Depth Weeping from Pit

28" Depth Standing Water in Hole

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
3	A	L	10yr3/2								
54	C	S	2.5y5/4	28"		>5%	20%		Med-Coarse		

Additional Notes:



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C. On-Site Review *(minimum of two holes required at every proposed primary and reserve disposal area)*

Deep Observation Hole Number: 25-4A 6/02/202 am
Hole # 5 Time Weather Latitude Longitude:
1. Land Use: Woodland Brush/Tree mix yes 2.0
(e.g., woodland, agricultural field, vacant lot, etc.) Vegetation Surface Stones (e.g., cobbles, stones, boulders, etc.) Slope (%)

Description of Location: _____

2. Soil Parent Material: Sand Moraine
Landform Position on Landscape (SU, SH, BS, FS, TS)
3. Distances from: Open Water Body n.a. feet Drainage Way n.a. feet Wetlands 50 feet
Property Line 40 feet Drinking Water Well n.a. feet Other _____ feet
4. Unsuitable
Materials Present: ☐ Yes ☒ No If Yes: ☐ Disturbed Soil ☐ Fill Material ☐ Weathered/Fractured Rock ☐ Bedrock
5. Groundwater Observed: ☒ Yes ☐ No If yes: _____ Depth Weeping from Pit 50" Depth Standing Water in Hole

Soil Log

Depth (in)	Soil Horizon /Layer	Soil Texture (USDA)	Soil Matrix: Color-Moist (Munsell)	Redoximorphic Features			Coarse Fragments % by Volume		Soil Structure	Soil Consistence (Moist)	Other
				Depth	Color	Percent	Gravel	Cobbles & Stones			
3	A	L	10yr3/3								
72"	C	S	2.5y5/4	34'		>5%	20%		Med-Coarse		

Additional Notes:
34" Mottles